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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL REVIEW OF REMEDIATION MONITORING REPORT  
RECEIVED 31 MAY 2005 AND MONITORING WELL APPROVAL FOR ZONE H (AOC 659)  
ABOVE GROUND STORAGE TANK NS-14 (AST NS-14) CNC CHARLESTON SC  
06/02/2005  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

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2 June 2005

Commander  
NAVFACENGCOM Southern Division  
Attn: Code ES24 (Gabriel Magwood)  
P.O. Box 190010  
North Charleston, SC 29419-9010

RE: AST NS 14 (AOC 659 – Zone H)  
Site ID # 01311  
Remediation Monitoring Report received 31 May 2005  
Charleston County

Dear Mr. Magwood:

The Department has completed technical review of the referenced document. Interpretation of the analytical data provided in the referenced report indicates that chemicals of concern remain above established Risk-Based Screening Levels and MCLs.

The South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed and approved the referenced monitoring well approval request submitted by CH2MHILL as part of the report. The original monitoring well approval has been sent to CH2MHILL and a copy is enclosed for your records. Please note the following:

- Well construction and sampling derived waste including but not limited to drill cuttings, drilling fluids, and development/purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regards to contents, source, and date of activity.
- Monitoring wells are to yield groundwater samples representative of the zone monitored per R.61-71 H.1.c of the South Carolina Well Standards and Regulations (e.g. low flow sampling techniques are recommended for samples to be analyzed for metals to reduce induced turbidity).

Please submit the next remediation monitoring report no later than 27 January 2006. Should you have any questions, please contact me at (803) 898-3553 or [bishopma@dhec.sc.gov](mailto:bishopma@dhec.sc.gov).

Sincerely,

Michael Bishop, Hydrogeologist  
Groundwater Quality Section  
Water Monitoring, Assessment and Protection Division

enc: Copy of Monitor Well Approval

cc: Trident District EQC (w/enc)  
Jerry Stamps – BLWM (w/enc)  
Andrew O'Connor, CH2MHILL, 1330 Kilo Street, N Charleston, SC 29405 (w/original MWA)  
Technical File (w/enc)

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**Monitoring Well Approval**

BOARD:  
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L. Michael Blackmon  
Coleman F. Buckhouse, MD

**Approval is hereby granted to:** CH2MHILL  
**(on behalf of):** NAVFACENGCOM Southern Division  
**Facility:** CNB - AST NS 14 (AOC 659 - Zone H)  
**Site Identification #:** 01311  
**County:** Charleston

This approval is for the installation of one (1) permanent groundwater monitoring well. The monitoring well is to be installed in the location and per the proposed construction details provided by CH2M-Jones in correspondence dated May 2005. The monitoring well is to be installed following all of the applicable requirements of R.61-71.

**Please note that R.61-71 requires the following:**

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless the Department has approved another schedule. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
4. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
5. If any of the information provided to the Department changes, Michael Bishop (803.898.3553) shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

**Date of Issuance:** 2 June 2005

**Approval #:** 2346

Michael Bishop, Hydrogeologist  
Groundwater Quality Section  
Water Monitoring, Assessment and Protection Division  
Bureau of Water